

**ABSTRACT**

A wireless sensor fixture system and method are disclosed in which  
5 an antenna block is provided that includes a plurality of grooves, wherein  
such grooves maintain a plurality of antennas located on a portion of the  
antenna block. A top locator block can be positioned above the antenna  
block, wherein the top locator comprises a top surface having depression  
thereon for receiving and locating a patch, which can receives wireless  
10 signals from the antennas for sensor testing thereof, wherein the patch  
comprises a SAW sensor and an RFID tag over-molded into the patch.  
Additionally, an antenna cover can be connected to the antenna block for  
protecting the plurality of antennas and wiring thereof. A BNC connector  
protrudes from the antenna block and is electrically connected to the plurality  
15 of antennas via the wiring thereof.